



Practitioner's Docket No. KH-2017

*IFW*  
**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Hans-Wilhelm Heinrich

Application No: 10 /727,247 Group No.: 1742  
Filed: December 3, 2003 Examiner: Mai, Ngoc Lan Thi  
For: CEMENTED CARBIDE BODY CONTAINING  
ZIRCONIUM AND NIOBIUM AND METHOD  
OF MAKING THE SAME

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING DATE OF EITHER A FINAL ACTION  
OR NOTICE OF ALLOWANCE (37 C.F.R. § 1.97(c))**

NOTE: 37 C.F.R. 1.97: "(c) An information disclosure statement shall be considered by the Office if filed after the period specified in paragraph (b) of this section, provided that the information disclosure statement is filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and it is accompanied by one of:

- (1) The statement specified in paragraph (e) of this section; or
- (2) The fee set forth in § 1.17(p)."

NOTE: "If a final action or notice of allowance is mailed in an application and later withdrawn, the application will be considered as not having had a final action or notice of allowance mailed for purposes of considering an information disclosure statement." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
(When using Express Mail, the Express Mail label number is **mandatory**;  
Express Mail certification is **optional**.)

I hereby certify that, on the date shown below, this correspondence is being:

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**37 C.F.R. § 1.8(a)**

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**37 C.F.R. § 1.10 \***

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**TRANSMISSION**

facsimile transmitted to the Patent and Trademark Office (703) \_\_\_\_\_

  
Signature

Date: June 9, 2005

Rhonda L. Sanders

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Transmittal of Information Disclosure Statement before Mailing Date of Either a Final Action Or Notice of Allowance [6-4]—page 1 of 3)

NOTE: 37 C.F.R. § 1.704(d): "A paper containing only an information disclosure statement in compliance with §§ 1.97 and 1.98 will not be considered a failure to engage in reasonable efforts to conclude prosecution (processing or examination) of the application under paragraphs (c)(6), (c)(8), (c)(9), or (c)(10) of this section if it is accompanied by a statement that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the information disclosure statement. This thirty-day period is not extendable."

NOTE: "If information submitted during the period set forth in 37 C.F.R. 1.97(c) with a certification is used in a new ground of rejection on unamended claims, the next Office action will not be made final since in this situation it is clear that applicant has submitted the information to the office promptly after it has become known and the information is being submitted prior to a final determination on patentability by the Office. However, the information submitted with a certification can be used in a new ground of rejection and the next Office action made final, if the new ground of rejection was necessitated by amendment of the application by applicant. Where the information is submitted during this period with a fee, the examiner may use the information submitted, e.g., printed publication or evidence of public use, and make the next Office action final whether or not the claims have been amended, provided that no other new ground of rejection which was not necessitated by amendment to the claims is introduced by the examiner. See MPEP 706.07(a). If a new ground of rejection is introduced that is neither necessitated by an amendment to the claims nor based on the information submitted with the fee set forth in 37 C.F.R. § 1.17(p), the Office action shall not be made final." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

WARNING: "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. § 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63). But see § 103(b) and (c), limited suspension of action in a continued prosecution application (CPA) filed under § 1.53(d) and in a request for continued examination (RCE) under § 1.114.

WARNING: No extension of time can be had under 37 C.F.R. 1.136 (a) or (b) for filing an IDS. 37 C.F.R. 1.97(f).

### **TIME OF TRANSMITTAL OF ACCOMPANYING INFORMATION DISCLOSURE STATEMENT**

1. The information disclosure statement transmitted herewith is being filed **after** three months of the filing date of this national application or the date of entry of the national stage as set forth in § 1.491 in an international application or after the mailing date of the first Office action on the merits, whichever event occurred last but **before** the mailing date of either:
  - (1) a final action under § 1.113 or
  - (2) a notice of allowance under § 1.311,whichever occurs first.

### **STATEMENT OR FEE**

2. Accompanying this transmittal is

(check either A or B below)

A.  a statement as specified in 37 C.F.R. § 1.97(e).

**OR**

B.  the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under § 1.97(c). (\$180.00).

(Transmittal of Information Disclosure Statement before Mailing Date of Either a Final Action Or Notice of Allowance [6-4]—page 2 of 3)

## FEE PAYMENT

(complete this item, if applicable)

3. Applicant elects the option to pay the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under § 1.97(c) (\$180.00).

Fee due \$ 180.00

## METHOD OF PAYMENT OF FEE

4.

Attached is a  check  money order in the amount of \$ 180.00

Authorization is hereby made to charge the amount of \$ \_\_\_\_\_

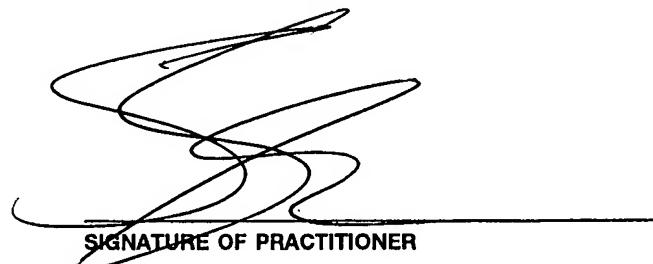
to Deposit Account No. \_\_\_\_\_

to Credit card as shown on the attached credit card information authorization form PTO-2038.

*WARNING: Credit card information should not be included on this form as it may become public.*

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above to Deposit Account No. 02-2267.

A duplicate of this paper is attached.



**SIGNATURE OF PRACTITIONER**

Reg. No. 28,688

Stephen T. Belsheim

(type or print name of practitioner)

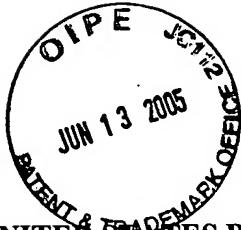
Tel. No.: (615) 662-0100

179 Belle Forrest Cr. Ste. 102

P.O. Address

Customer No.: 1400

Nashville, Tennessee 37221



KH-2017  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Hans-Wilm Heinrich )  
Serial No. 10/727,247 ) Art Unit 1742  
Filed: December 3, 2003 ) Examiner: Mai, Ngoclan Thi  
For: Cemented Carbide Body Containing Zirconium  
And Niobium and Method of Making the Same

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

June 9, 2005

**Certificate of Mailing (37 CFR 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22131-1450.

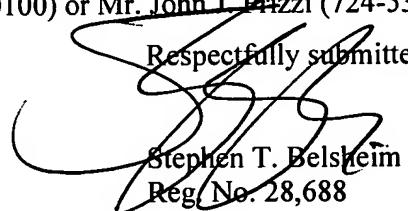
Date: June 9, 2005

Signature: 

**Rhonda L. Sanders**  
Type or Print Name of Person Certifying

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

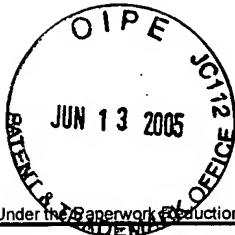
Applicants hereby request the United States Patent and Trademark Office to make of record those documents listed on the attached PTO/SB/08A and PTO/SB/08 forms. A copy of each of these documents is enclosed herewith. This document relates to the accompanying Transmittal. If the patent examiner has any questions about this document, applicants urge the examiner to contact the undersigned attorney (615-662-0100) or Mr. John L. Pizzi (724-539-5331).

  
Respectfully submitted,

Stephen T. Belsheim  
Reg. No. 28,688

179 Belle Forrest Circle Suite 102  
Nashville, Tennessee 37221  
Telephone: 615-662-0100 & Facsimile: 615-662-0352  
**Customer No. 1400**

Date: June 9, 2005



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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 2

**Complete if Known**

Application Number	10/727,247
Filing Date	12/03/2003
First Named Inventor	Hans-Wilm Heinrich
Art Unit	1742
Examiner Name	Mai, Ngoc Lan Thi

Attorney Docket Number KH-2017

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If known)				
		EP 0 900 860 A2	03/10/1999	Mitsubishi Mate		
		EP 0 900 860 A3	11/20/2002	Mitsubishi Mate		
		EP 0 900 860 B1	04/14/2004	Mitsubishi Mate		
		RU 2007491	02/1994	Maskhuliya et al	Russian text	
		CN 1425787	06/2003	Xu	Chinese text	

Examiner Signature		Date Considered	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="http://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.			

Translation is attached. .  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

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<p>Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.</p> <p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>		<b>Complete if Known</b>	
		<b>Application Number</b>	10/727,247
		<b>Filing Date</b>	12/03/2003
		<b>First Named Inventor</b>	Hans-Wilm Heinrich
		<b>Art Unit</b>	1742
		<b>Examiner Name</b>	Mai, Ngoc Lan Thi
Sheet	2	of	2
		Attorney Docket Number	
		KH-2017	

## NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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